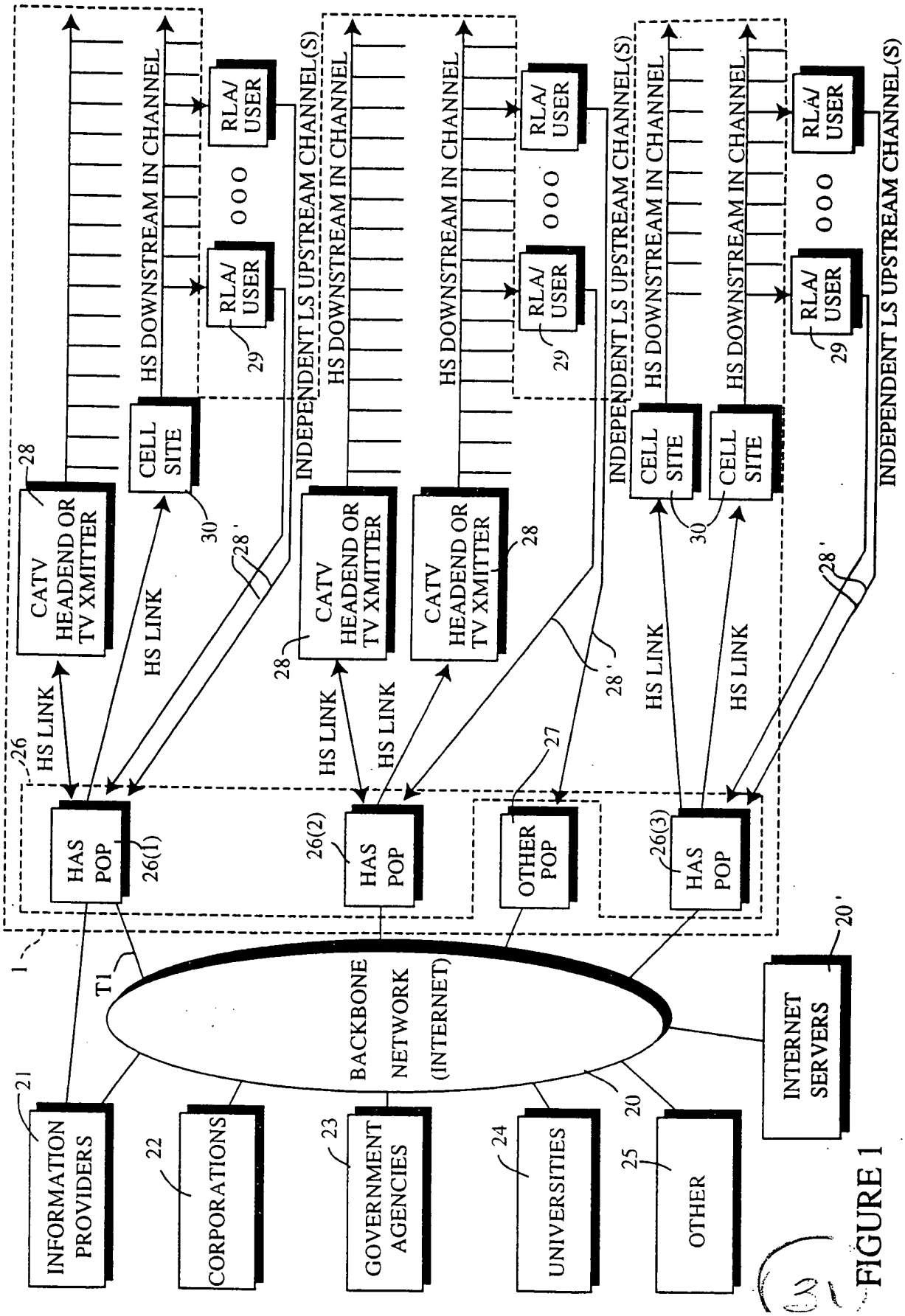
INFORMATION PROVIDERS
21
CORPORATIONS
22
GOVERNMENT AGENCIES
23
UNIVERSITIES
24
OTHER
25
BACKBONE NETWORK (INTERNET)
T1
1
INTERNET SERVERS
20'
20
HAS POP
26(1)
HAS POP
26(2)
OTHER POP
27
HAS POP
26(3)
26
HS LINK
CATV HEADEND OR TV XMITTER
28
CELL SITE
30
HS DOWNSTREAM IN CHANNEL
INDEPENDENT LS UPSTREAM CHANNEL(S)
28'
RLA/ USER
29

FIGURE 1

DRAFTSMAN 370 287

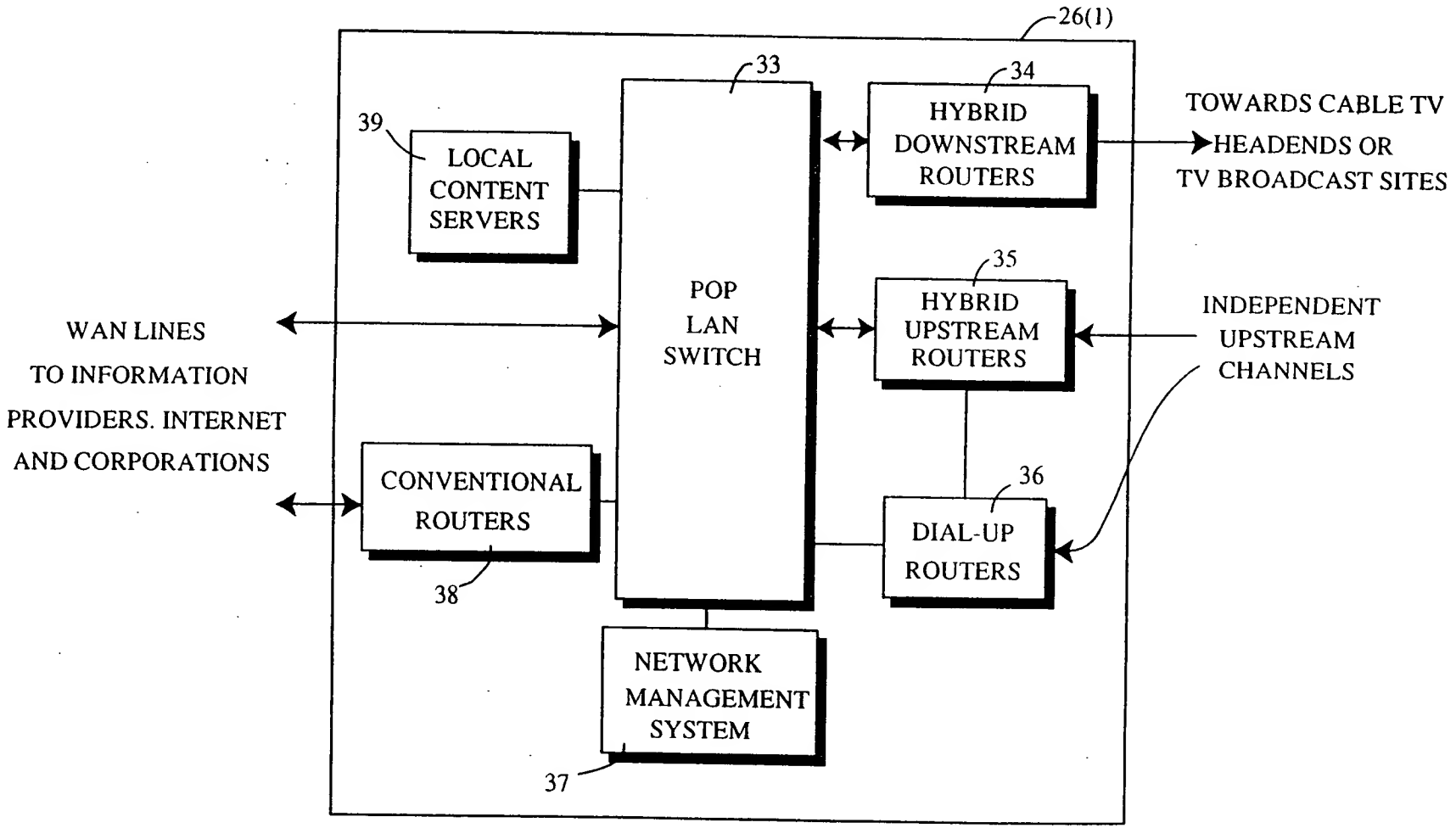

FIGURE 2a

DRAFTSMAN 370 287

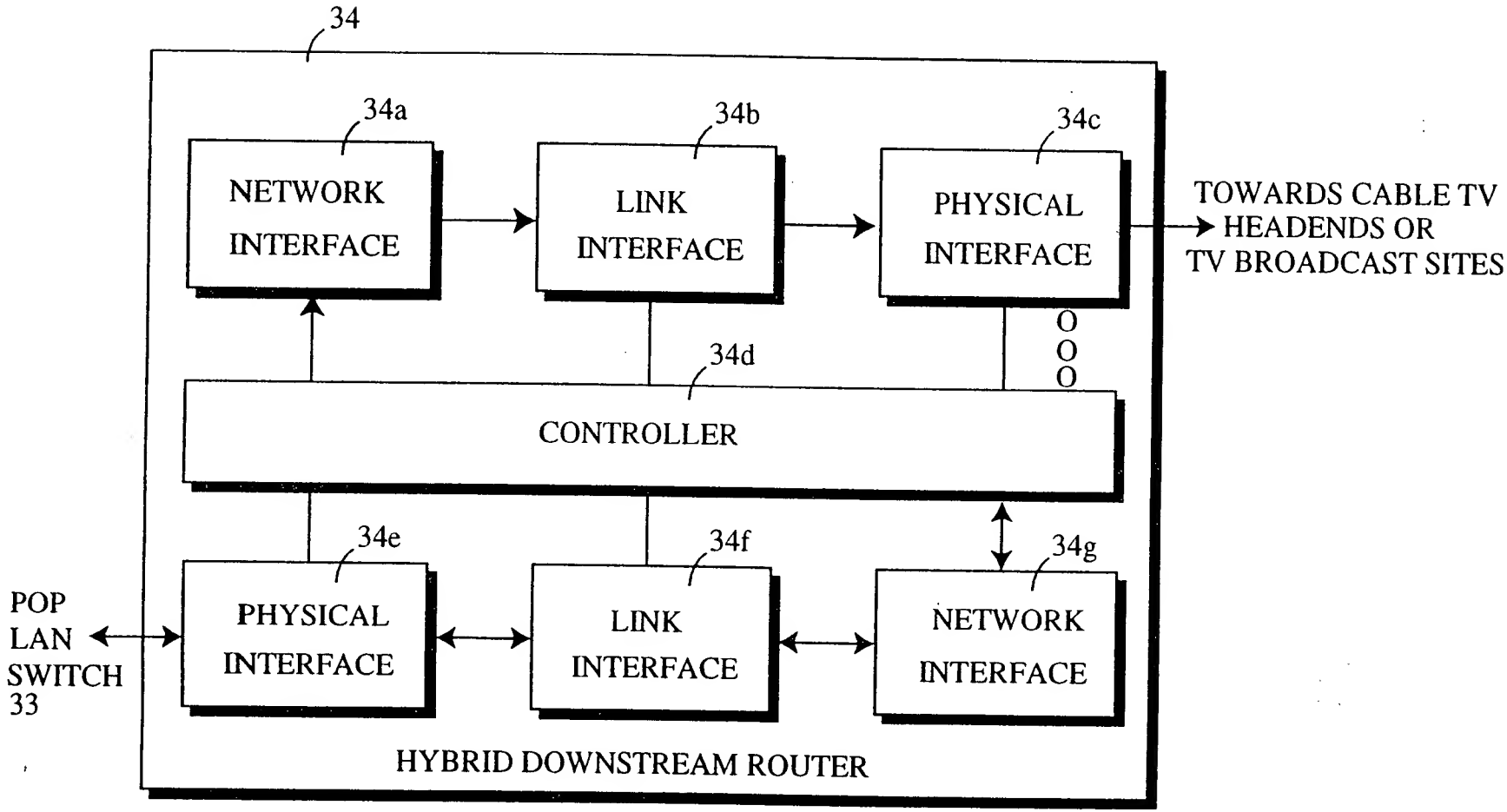

FIGURE 2b

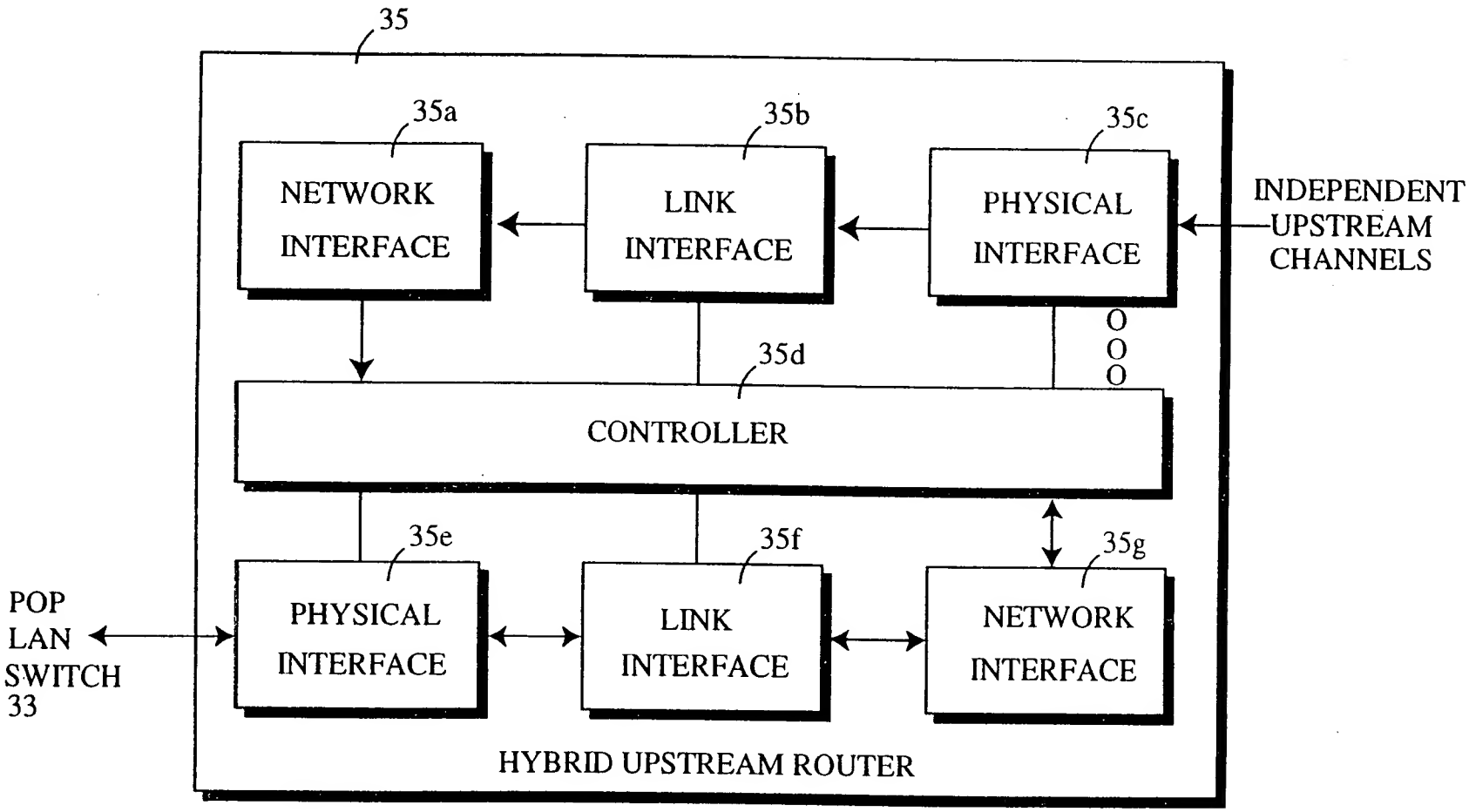
35
35a
NETWORK INTERFACE
35b
LINK INTERFACE
35c
PHYSICAL INTERFACE
INDEPENDENT UPSTREAM CHANNELS
O
O
O
35d
CONTROLLER
35e
PHYSICAL INTERFACE
35f
LINK INTERFACE
35g
NETWORK INTERFACE
POP LAN SWITCH 33
HYBRID UPSTREAM ROUTER

FIGURE 2c

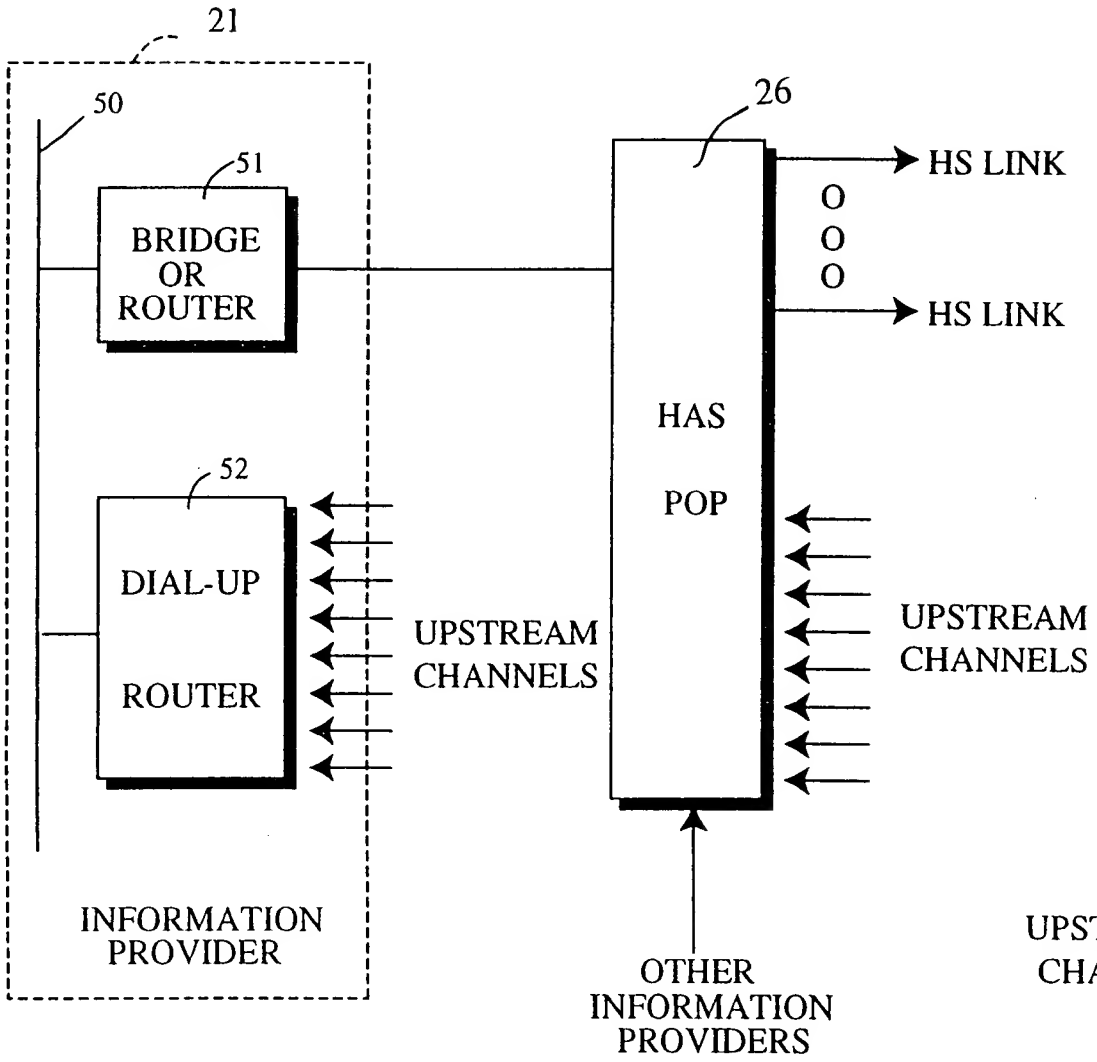

FIGURE 3a

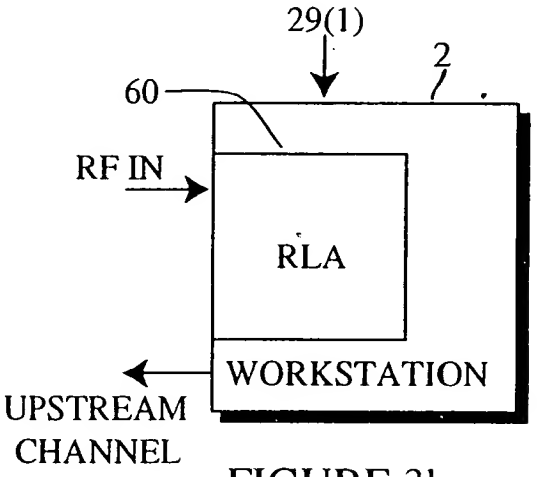

FIGURE 3b

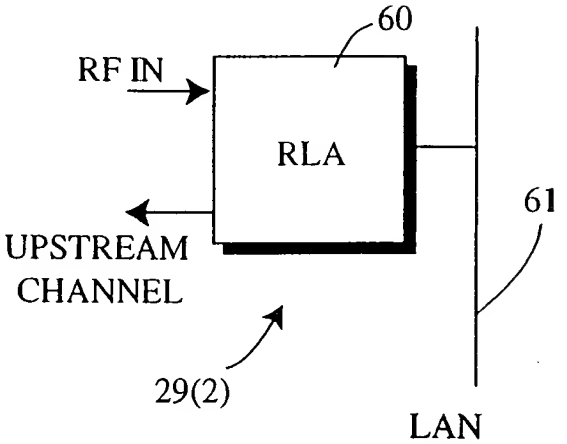

FIGURE 3c

DRAFTSMAN 370 282

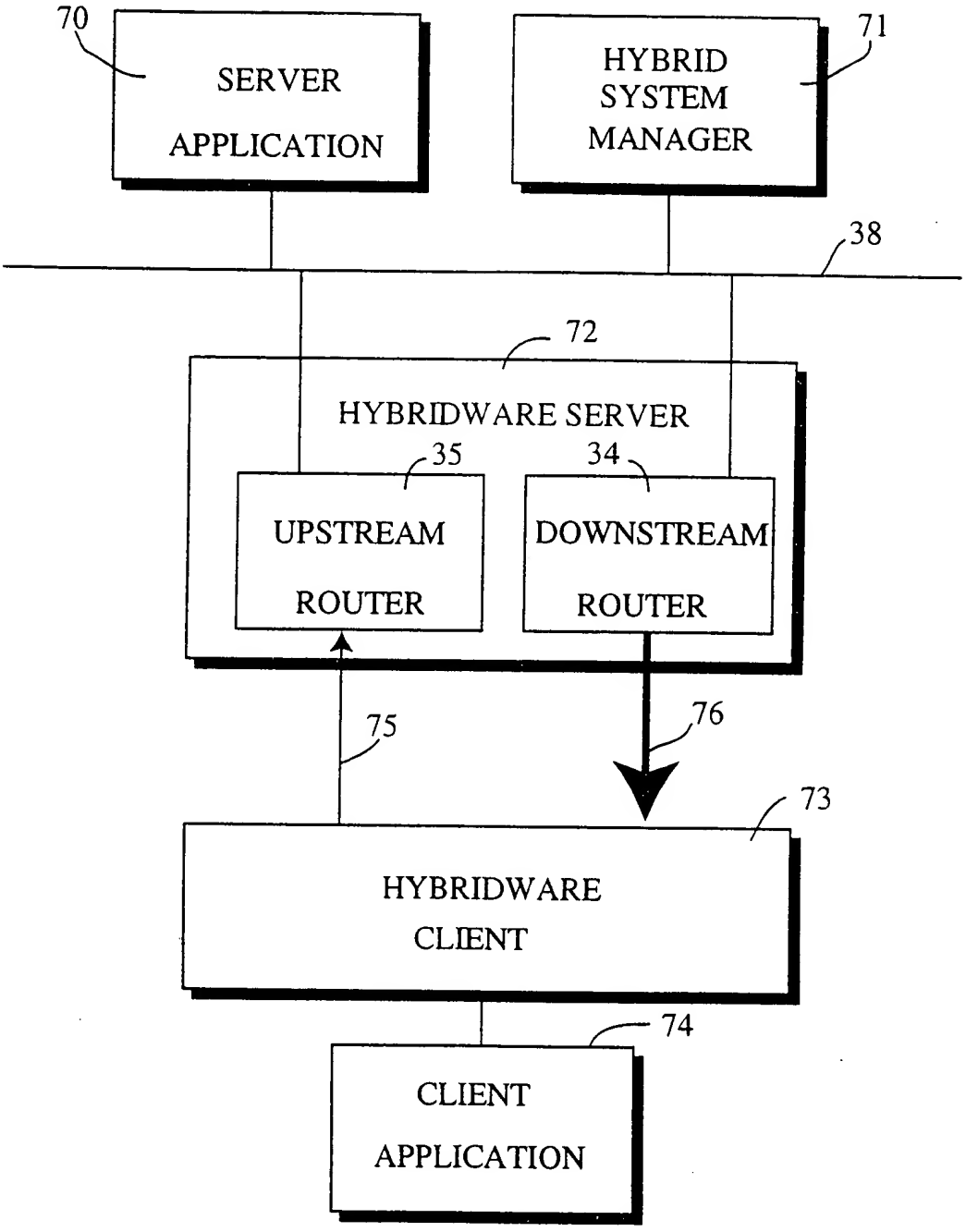

FIGURE 4

DRAFTSMAN 370 282

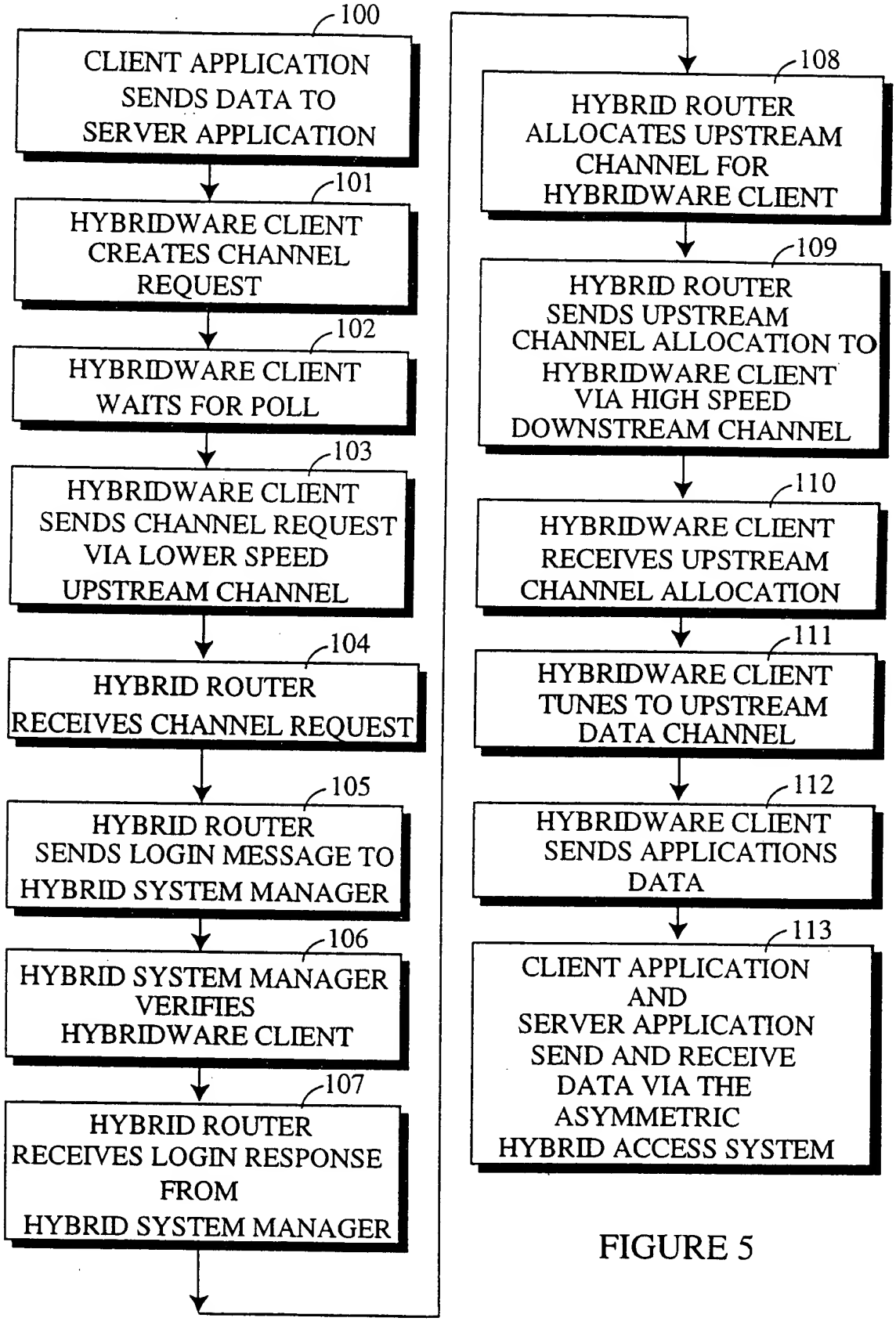

FIGURE 5

DRAFTSMAN

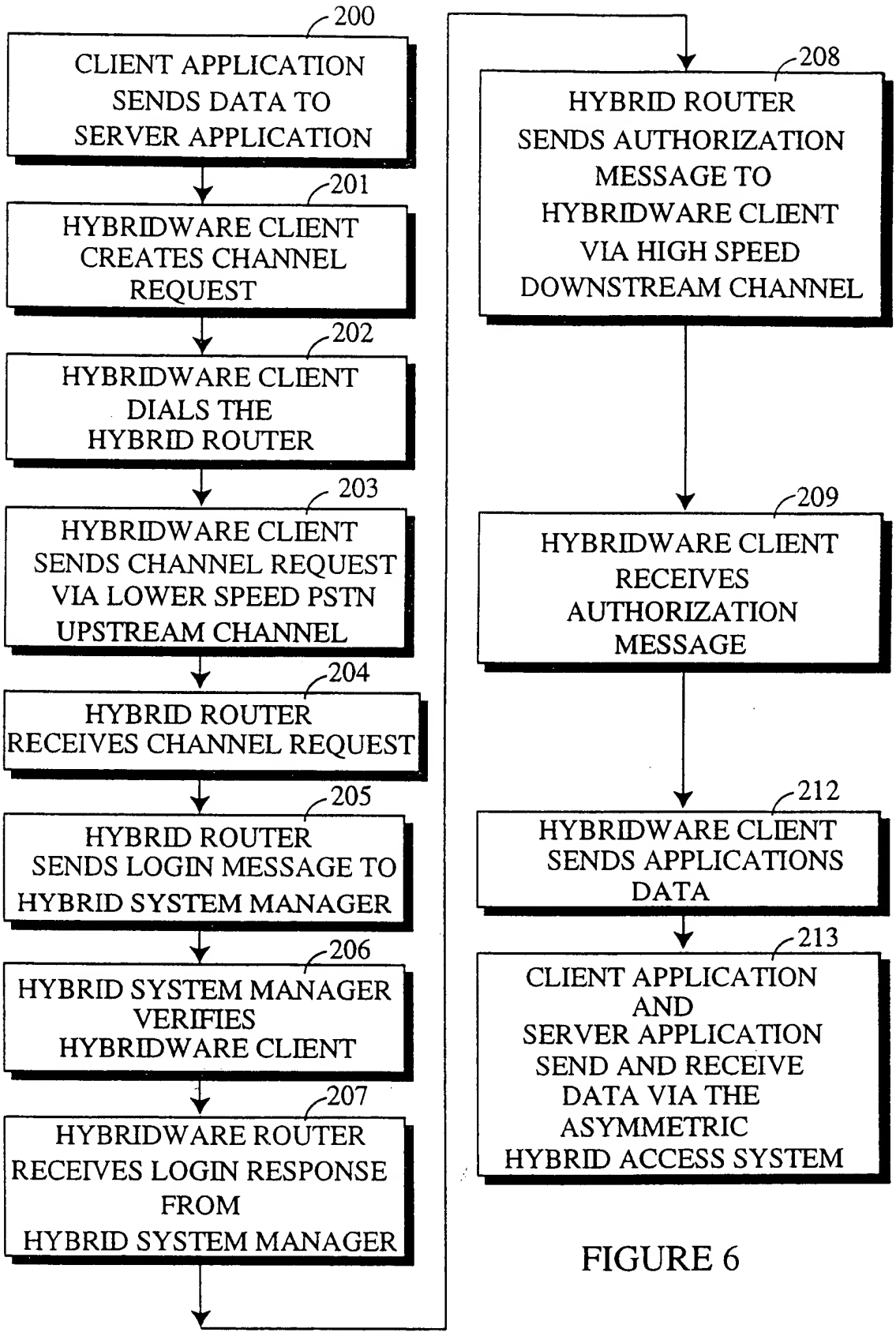

FIGURE 6

DRAFTSMAN

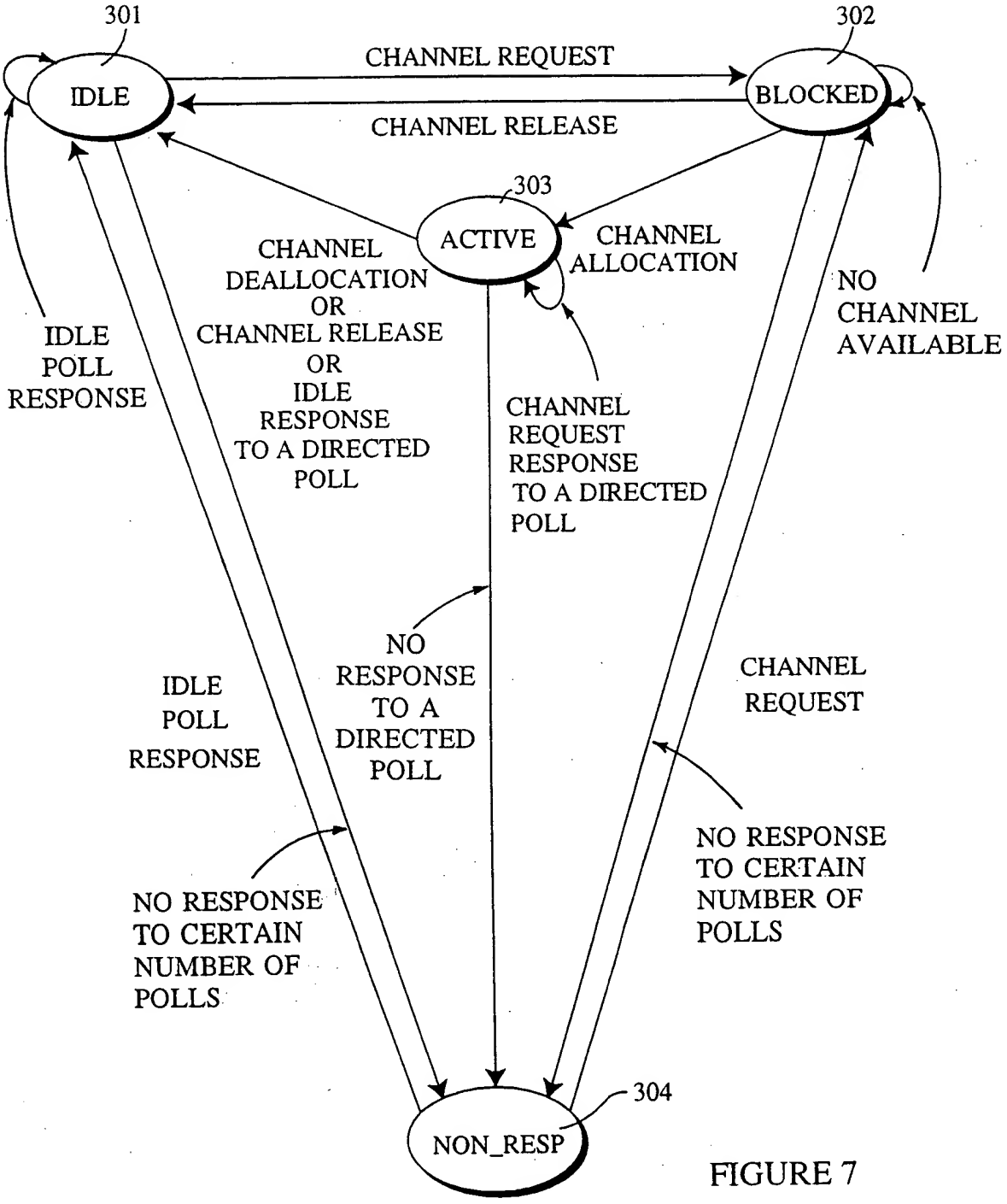

FIGURE 7

DRAFTSMAN
CLASS

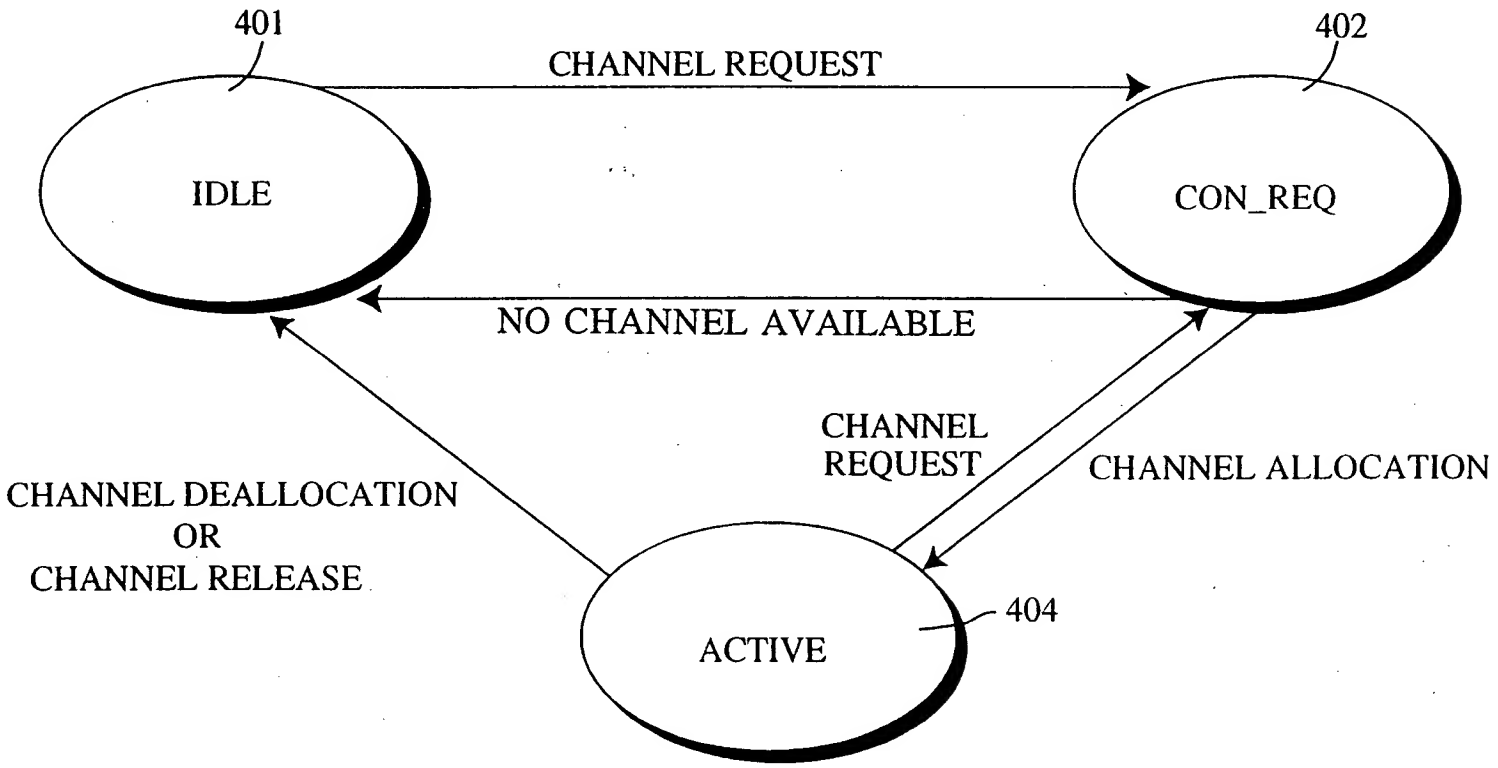

FIGURE 8

DRAFTSMAN

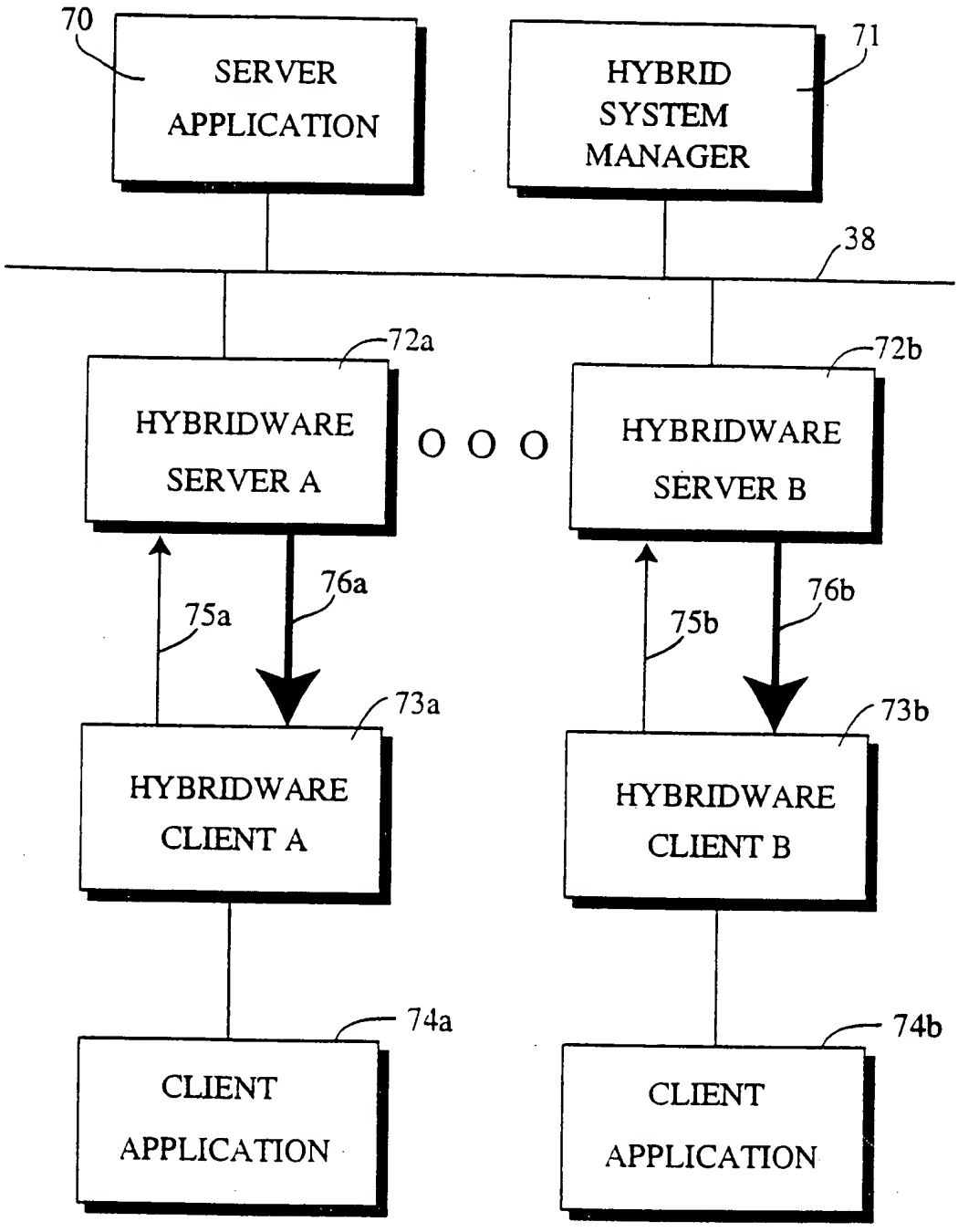

FIGURE 9

DRAFTSMAN

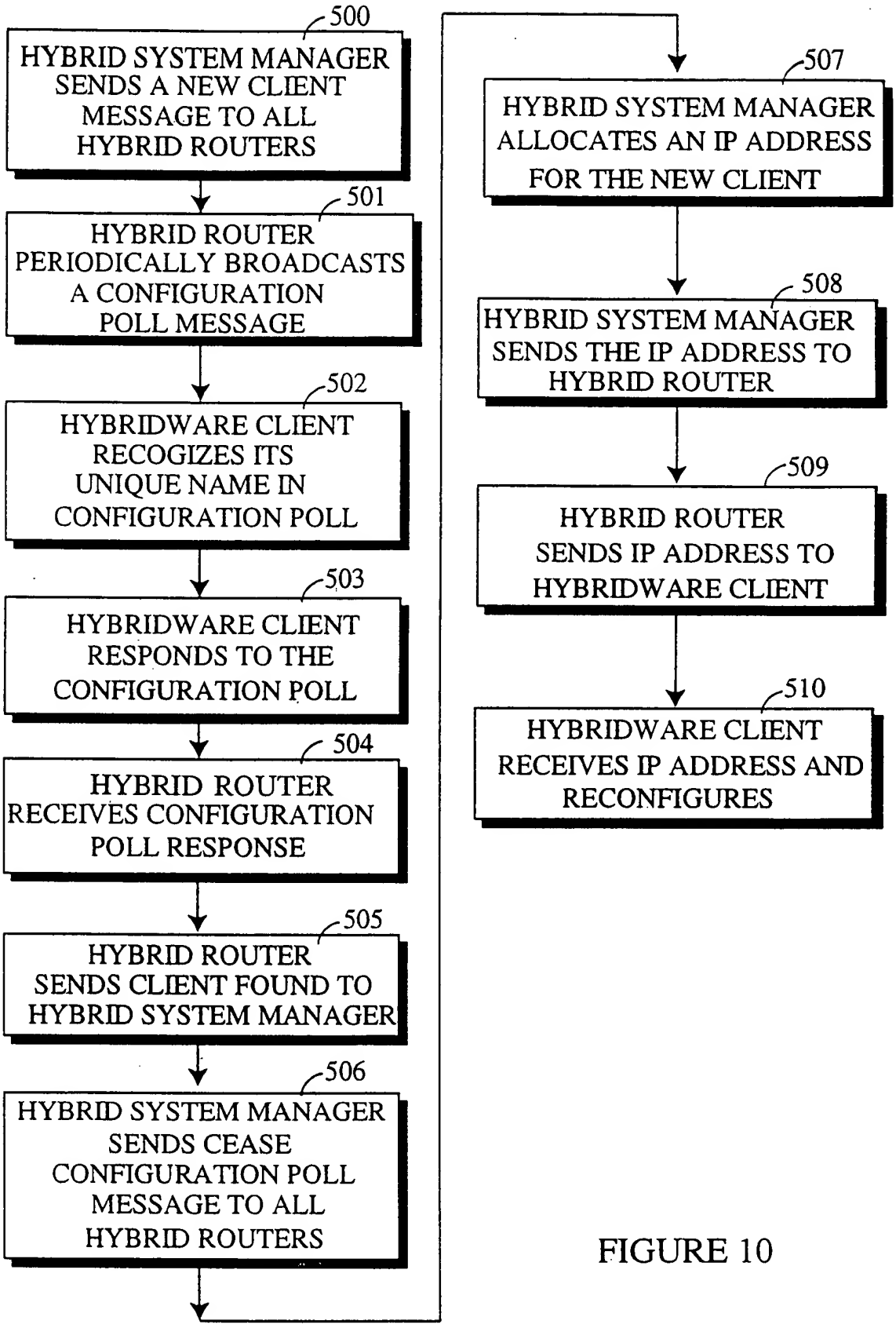

FIGURE 10

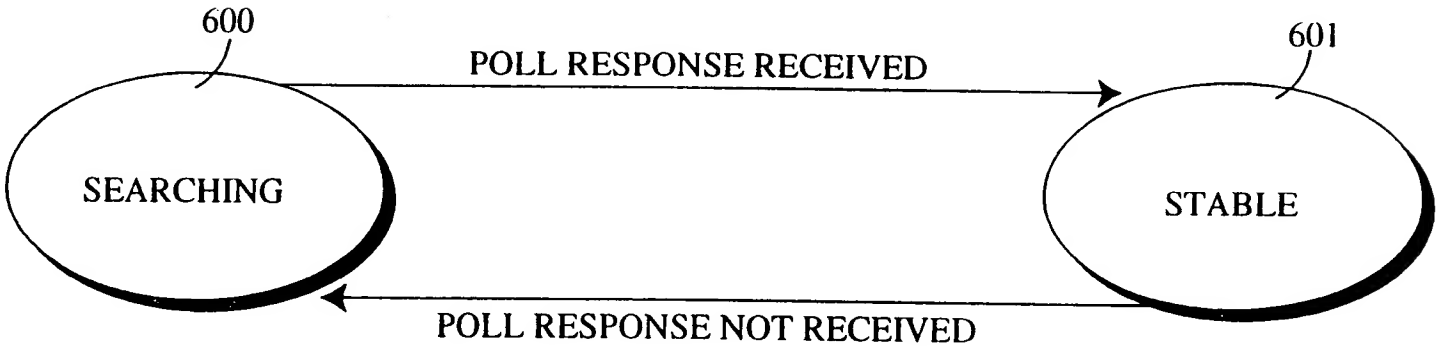

FIGURE 11

BY
DRAFTSMAN

DRAFTSMAN

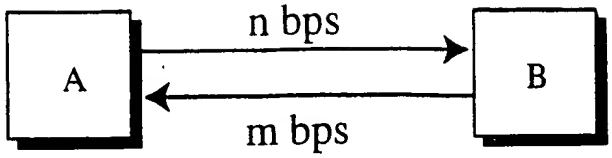

FIGURE 12a
PRIOR ART

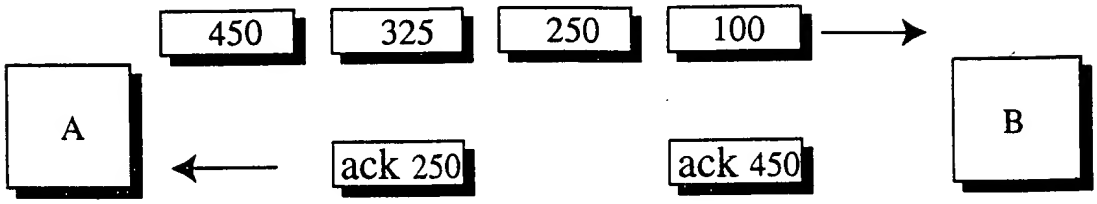

FIGURE 12b
PRIOR ART

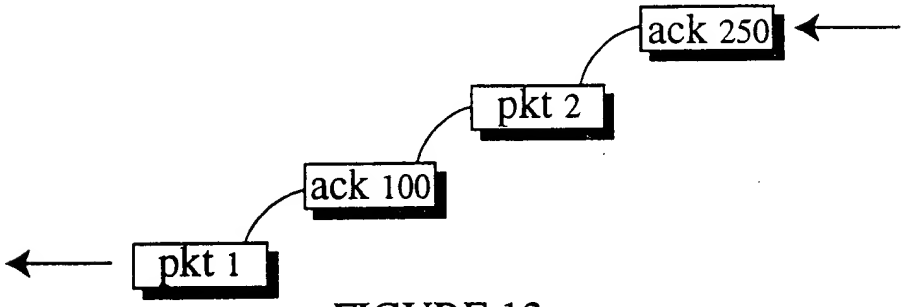

FIGURE 12c

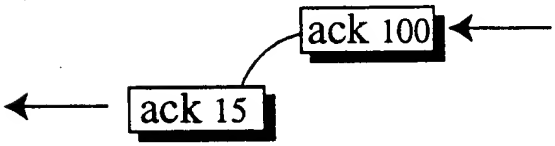

FIGURE 12d

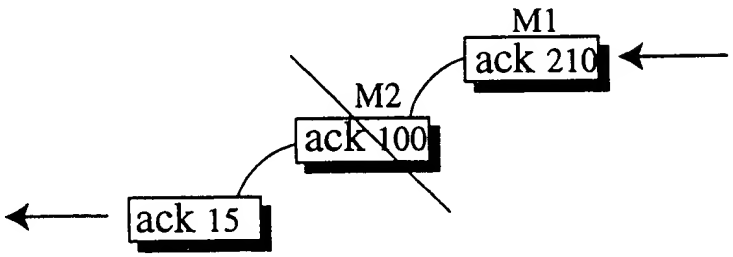

FIGURE 12e

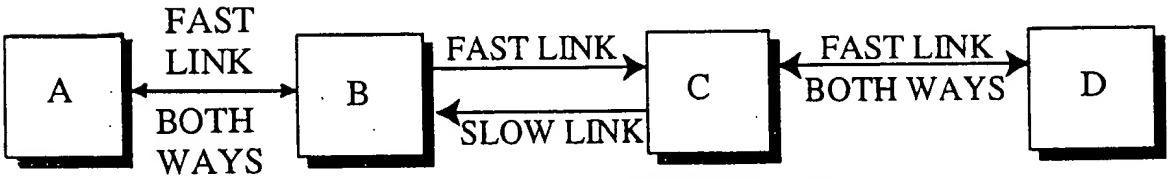

FIGURE 12f

DRAFTSMAN BY
SUBCLASS

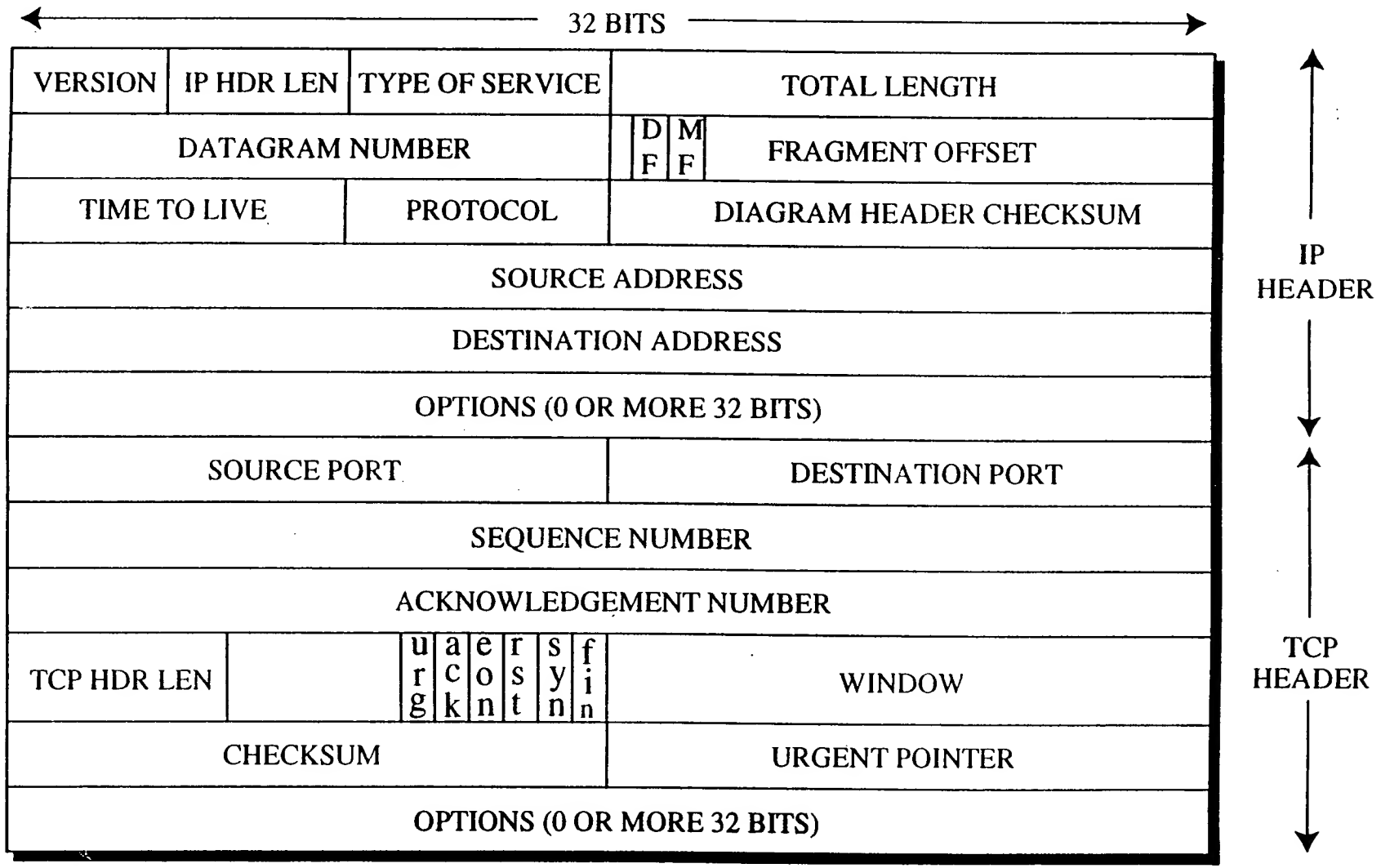

FIGURE 13

DRAFTSMAN

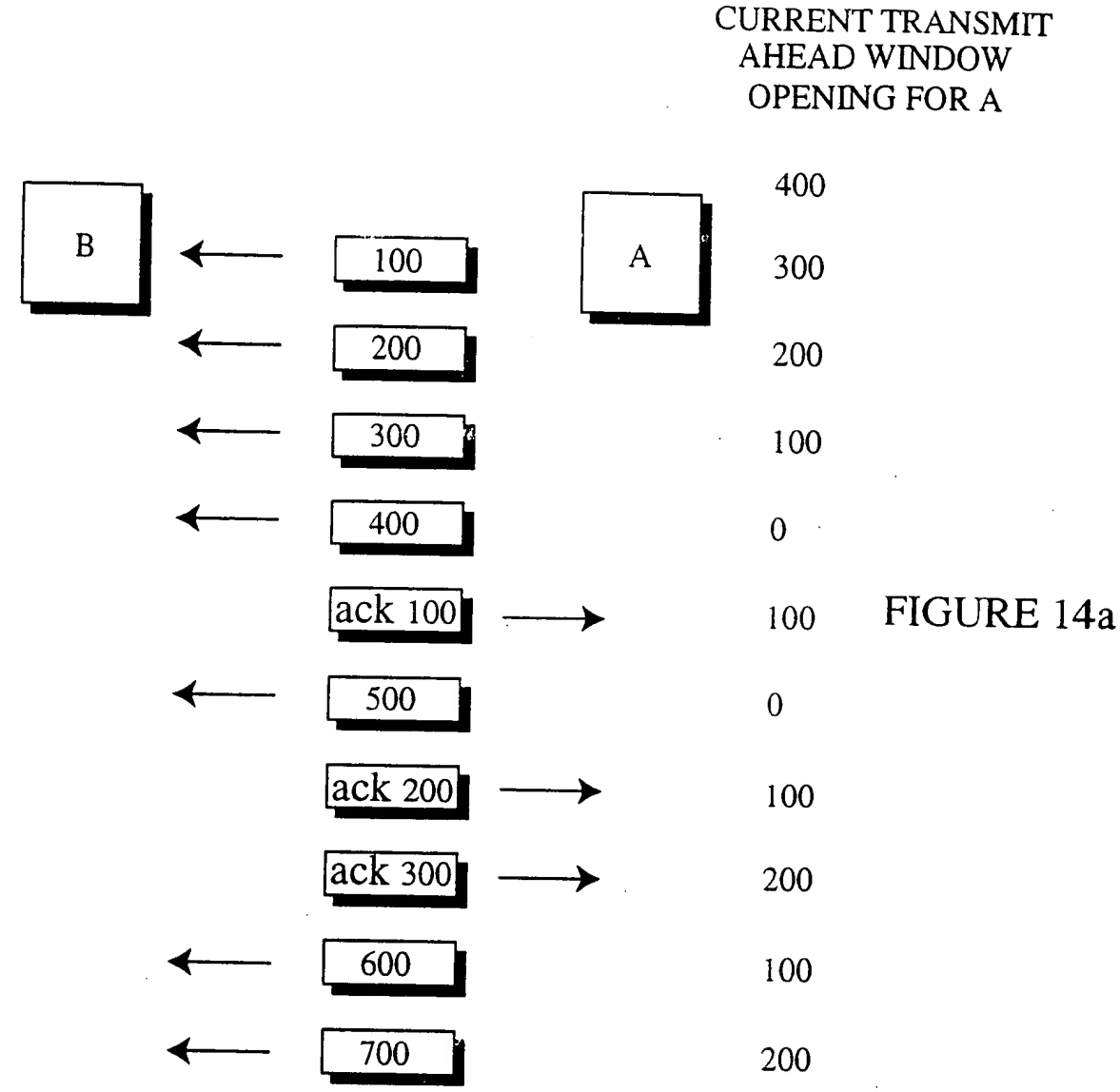

FIGURE 14a

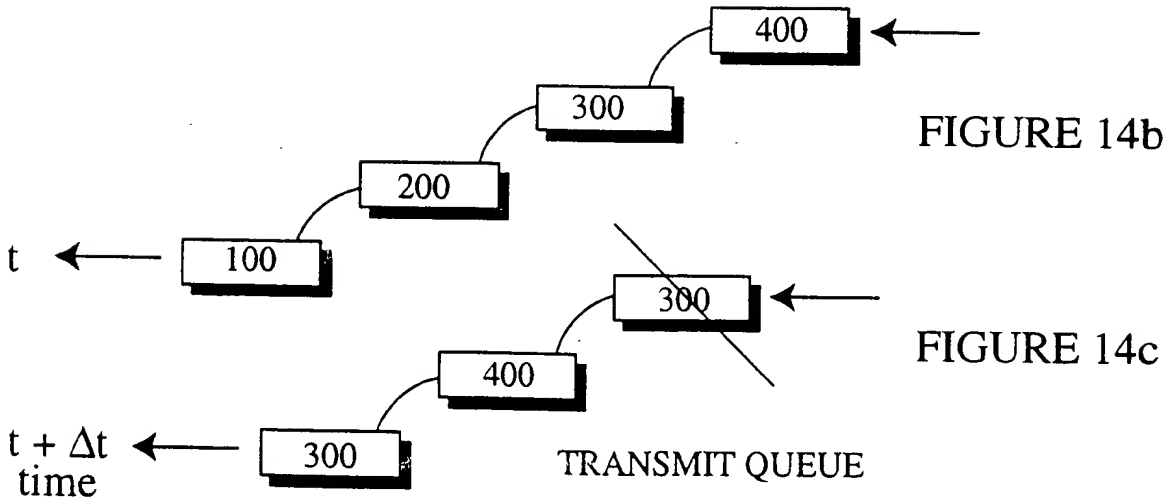

FIGURE 14b

FIGURE 14c

APPROVED BY DRAFTSMAN | O.G. FIG. CLASS | SUBCLASS

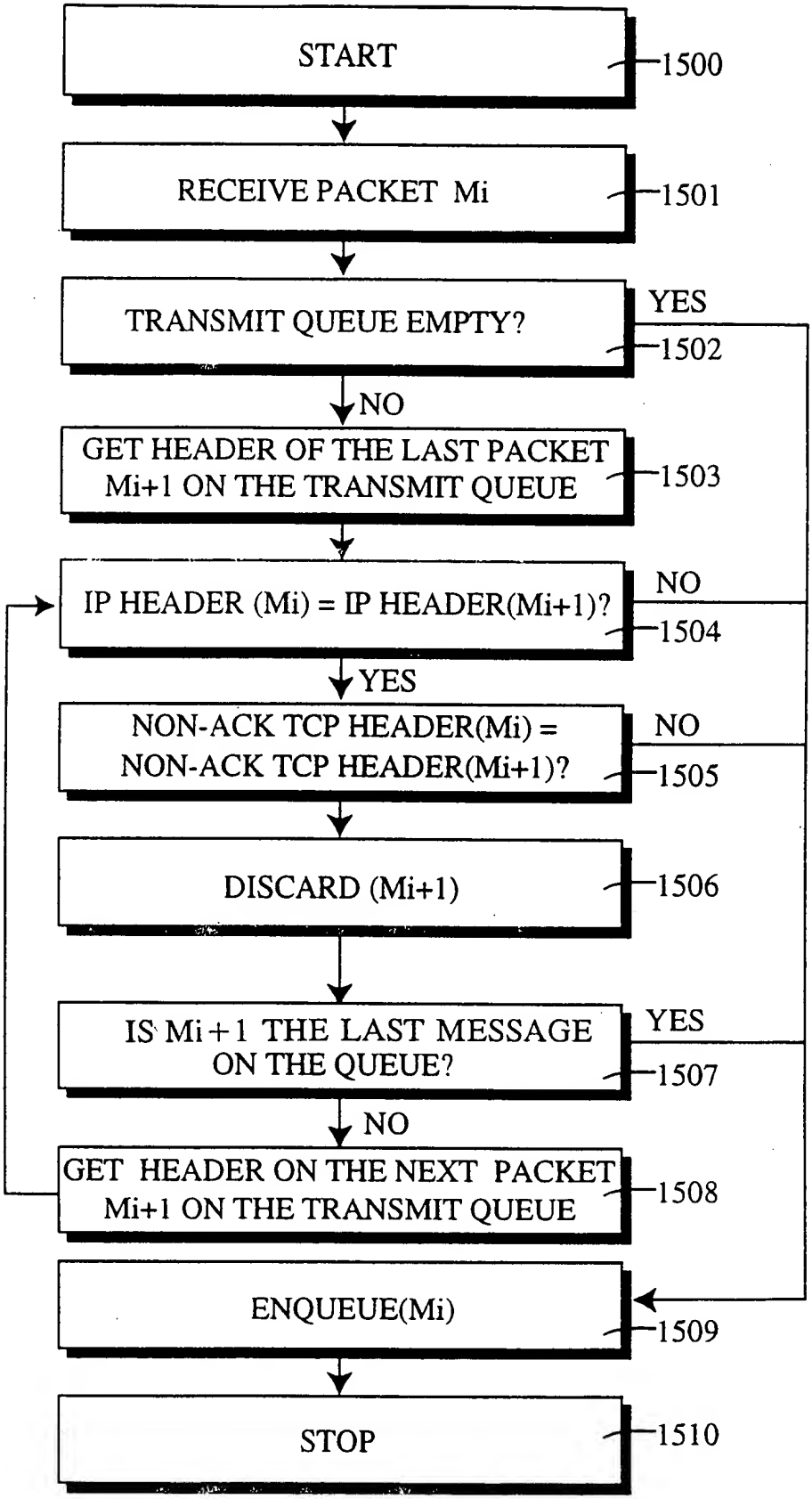

FIGURE 15

BY DRAFTSMAN | CLASS | SUBCLASS

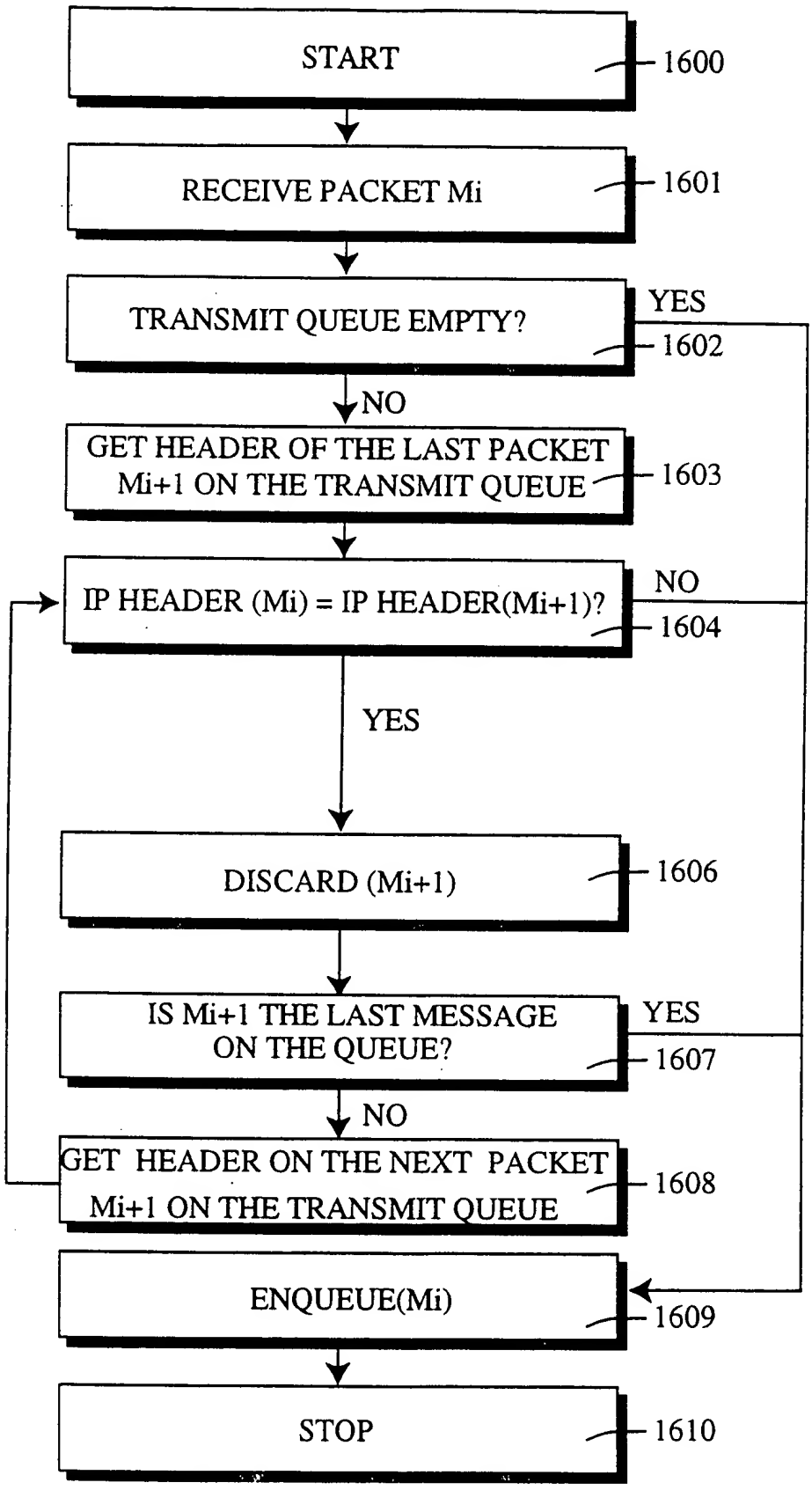

FIGURE 16

BY
DRAFTSMAN

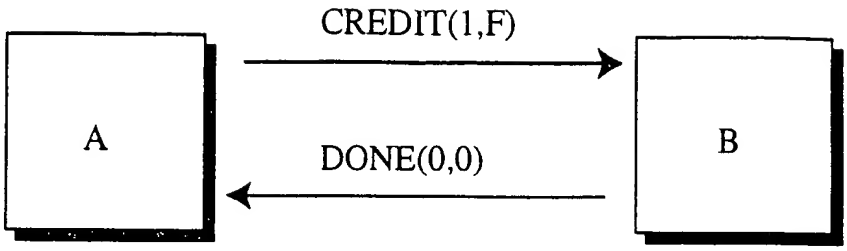

FIGURE 17

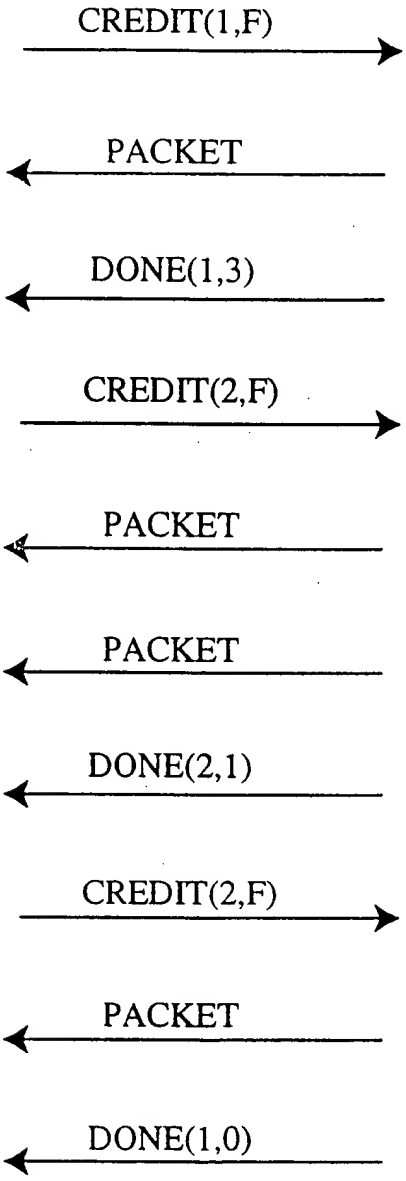

FIGURE 18

APPROVED BY DRAFTSMAN | O.G. FIG. CLASS | SUBCLASS

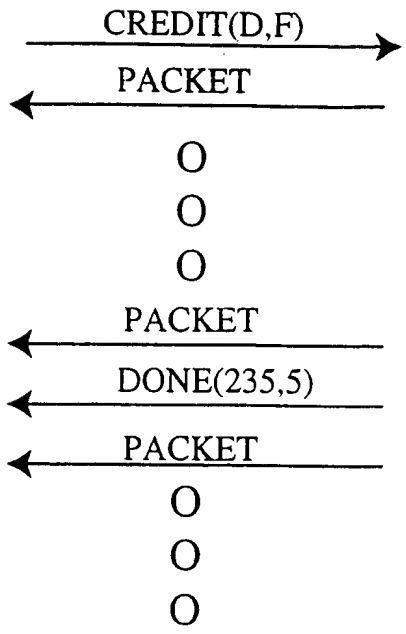

FIGURE 19

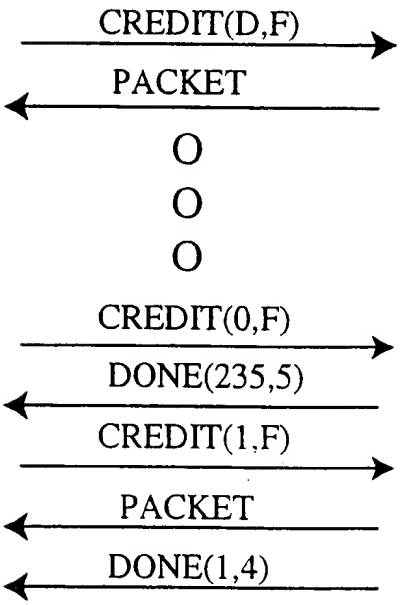

FIGURE 20